

15-Mar-2022

Order No. **18388395**

Ref. No. **328104852**

Sequence - FatP6.1

100 nmole DNA Oligo, 20 bases

5'- TTT GGG SAT TCG TTT AGC AG -3'

Properties

T_m (50mM NaCl)*: 53.4 °C
GC Content: 45.0%
Molecular Weight: 6,174
nmoles/OD260: 5.3
ug/OD260: 32.6
Ext. Coefficient: 189,350 L/(mole·cm)

Amount Of Oligo

16.9 = 89.4 = 0.55
OD₂₆₀ nmoles mg
For 100 µM: add 894 µL

Shipped To

HOLLIE PUTNAM
UNIVERSITY OF RHODE ISLAND
120 FLAGG RD
KINGSTON, RI 02881-2015
USA
4018749510
Customer No. 446457 PO No. Credit Card

Secondary Structure Calculations

Lowest folding free energy (kcal/mole): 0.96 at 25 °C
Strongest Folding T_m: 6.3 °C

Oligo Base Types

DNA Bases Quantity
20


Modifications and Services


Standard Desalting Quantity
1

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See on reverse page notes (I) (II) & (III) for usage, label license, and product warranties

Mfg. ID 464628428

328104852 
H.PUTNAM
464628428 15-Mar-2022
FatP6.1
5'-TTT GGG SAT TCG TTT AGC AG -3'
MW = 6,174.0g/mol T_m = 53.4 °C
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16.9 OD = 89.4nmol= 0.55mg

I N S T R U C T I O N S

*Lyophilized contents may appear as either a translucent film or a white powder. This variance does not affect the quality of the oligo.

*Please centrifuge tubes prior to opening. Some of the product may have been dislodged during shipping.

*The T_m shown takes no account of Mg²⁺ and dNTP concentrations. Use the OligoAnalyzer® Program at www.idtdna.com/scitools to calculate accurate T_m for your reaction conditions.

M

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